SEGA MASTER SYSTEM SERVICE MANUAL

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Service Procedures

1. The system is divided into four blocks:

(1) Main unit (Power base); (2) Software; (3) Auto switchboxes and cables; (4) Controller related
2. Use a tester to check for contingity and conflien that there are no short circuits between the power and ground,

3. Once it with the description of the content o

Service by individual about: whether the procedure property with the accompany of the malfunction has been necrowed down to the relevant block, service that block or blocks in secondator with the appropriate service procedures.

1. Main Unit (Power Base)

(A)Servicing the main unit (Power Base)

Parts Test Procedure	Fault Location	Symptoms
I. ICR(7805) power check. (I) IN DC 9 V. (2) OUT DC 5 V.	iCE (1805) faulty. Soldering faulty. Soldering faulty. Solder direals. Printed circuit board (PCB) pattern is cut. POWER which faulty. iCH in the stock state content faulty.	LED doesn't light. No picture.
Power check of ICs. (i) is Voc 5 V power present?	PCB pattern is cut. Soldering faulty.	No picture. Screen is black.
3. Is reset circuit operating? (1) Use tester to measure voltage of JR, Should be 0—3.6 V (slowly rises).	Capackor (C131) faulty. Soldering faulty. Resistor (R130) faulty.	No picture. Soreen is black.
4. Is editioned relevant representing? (19)Pin 30 of 15C; ArC 4 Vpg; 10.738435 Milit z 100 Hz. (23)Pin 34 of 15C clock: 3.575943 Milit z 30 Hz.	1. XTALIDAD (help) 1. COR, COB sealor) 2. Solidering fieldy. 2. Solidering fieldy. 5. Side Status. 5. ICS Status. 6. ICS prince in out. 6. ICS prince are discussed in the deviation.	No pleasure. 2. Color may be monochromatic.
Check connectors. (1)Make visual check of connector pins. (2)Check for faulty soldering connections.	Broken from encessive weight. Soklering faulty. PCB pattern is cut. Terminal plugs are dirty.	No picture. Picture is monochromatic. Characters are unnatural. Controls do not respond properly.

Parts Test Procedure	Fault Location	Symptoms
Check button switches. (1) Check power button switch.	Switch is loose. Soldering faulty PCB pattern is cut. Switch is short-circuited.	No power voltage present. LED doesn't light. No picture. Reset occurs spontaneously. Characters suddenly appear abnormal.
(2)Check reset button switch. (3)Check pause button switch.	I. Soldering faulty. PCB pattern is cut. Blade is not parallel with circuit board. Switch is short-circuited.	Reset doesn't respond proper- ly. Pause doesn't operate proper- ly.
7. Check RF modulator. (I)is OUT +5 V present? DC 5 V	PCB pattern is cut. Soldering faulty. RF modulator is faulty.	No picture. Picture appears dirty. No sound. Much audio noise.
(2)Check channel selector: Are CH3 and CH4 okay?	1. RF modulator is faulty.	CH3 appears but not CH4. CH4 appears but not CH3.
8. Check CON 1. (I)R23 DC 1.3 V (VIDEO) without load. (2)6.5.3 DC 1.9 V (ROB) without load.	Various problems are con- ceivable, in event system is not operating at all. In event IC9 is faulty.	I. No picture.

(B) Possible symptoms for each fault location

Fault Location (Contents of maifunction)	Symptom
I. When ICI (CPU) is laulty.	I. System doesn't operate at all. No picture at all.
2. When IC2 (OS ROM) is faulty.	Since this is the program which operates the system, no picture will appear. Depending on the case, a mosaic pattern may appear.
3. When IC3 RAM is laulty.	Since this is the unit that semporarily records data, no picture will appear. Depending on the case, a picture may appear, but it is easily distorted.
4. When IC4 is Iaulty.	Since this IC emits several control signals, no picture will appear. Controller may not respond properly. Pause, treet may not respond properly.
5. When ICS is Isuity.	1. If no excillation is present, clock 3.53 MHz is not produced, side small that system does not operate at all, no piccuse will appear, and the system does not operate at all the produced in a position will accordant clocked light and inverted if frost is present, and the produced in
6. When IC6, IC7 are lauky.	Since these parts are responsible for temporarily storing color data, picture may not topper. Even II picture appears, colors may be improper. Characters may be distorted. Picture may be more disagnishly or jerkliy.
· 7. When IC8 is laulty.	Since this is +5 V stabilized current, if mallunction is person, uniform +5 V in not present; system will not operate and no picture will appear. LED docur't light.
8. When IC3 is Invity.	Since this part converts the RGB signal to composite mode, a malfunction will result in no picture. Some it a release respect color may be showned.

(C) Flow chart for troubleshooting fault locations



(D)Troubleshooting guide a) In event controls do not respond normally

Symptom(s)	Fault Location(s)
Came doesn't start. Batton may not respond when pressed. Absolutely no response at all.	CONS or CON6 faulty (disconnection). Soldering Bastly. CONS on the case. CONS on the case. CONS on the case. Realow 300 does in castly. CON6 for continuity between CON5 and CON6 terminals and remainst of CON6.
4. Demonstration screen down't ap-	CON5 or CON6 is faulty (short-circulted) Soldering is short-circulted)

- pear.

 5. Switch stays depressed in middle of
- game.
 6. Switch remains fixed in one direction.
- 7. Starts by itself.

CONS or CON6 is faulty (short-circulted)
 Soldering is short-circulted.
 PCB pattern is short-circuited.
 ICB is faulty.

b) In event picture appears alone without sound

Service Procedures	Fault Location
Check whether audio signal is pre- sent between pins 1 and 2 of CON1. When a mini-speaker or earphone is connected, sound can be heard. Is audio signal output-from pin 19 of ICS? I) MAX 300 mVp- 220 Hz-20 kHz	CNI is faulty. Soldering faulty. Soldering faulty. PCB parties in car. 4. Q46, C47, R47 are faulty. 5. R64 is faulty. 5. R64 is faulty. 1. RF mediator is faulty.

Service Procedures	Fault Location	
I. Is video signal present between pins 3 and 2 of CN1? 2. Is video signal present at pin 3 of RF modulator? 5. Is video signal output from pins 19 and 20 of CO? 4. Is ROB signal output from pins 23 22, and 21 of ICO? 5. Is ROB signal present at pins 1, 2, and 3 of ICO? 5. Is ROB signal present at pins 1, 2, and 3 of ICO? 6. In ROB signal present at pins 1, 2, and 3 of ICO? 6. In ROB signal present at pins 1, 2, and 3 of ICO? 6. In ROB signal present at pins 1, 2, and 3 of ICO?	C28, E27 is shoes or family. C. Ni in faulty. Soldering faulty. Soldering faulty. PCD patiers is cut. RF modulation is family (when picture in present on RF) Soldering parts around ICD are faulty.	

2. Software

Software (Card or Cartridge) Malfunctions

Symptons	Fault Location
No picture. Picture remains asonochromatic. Picture is mossic pattern.	Commetter (30 pin) is dirty, disconnected, or other connection finit. Soldering family. Soldering family. Soldering family. Soldering family. Copacion is minsing or family. IC is damaged from overheading or static electricity.
Characters are disrupted suddenly in middle of game. Reset occurs spontaneously in mid- dle of game. Other abacemal symptoms appear in middle of earse.	Connection fault at connector (50 pin). Soldering faulty. Connection insings or faulty. Connection insings or faulty. In Connection of the Connection of

3. Auto Switchboxes and Cables

a) Auto switchbox

	Table Doction
No picture, Game picture doesn't appear, TV picture doesn't appear.	Cable is cut or shorted. Ping is faulty. Soldering is finally on cable connection terminal. PCB pattern is troken or interrupted. Accordance with the salesty.
Sound is had. Much sudio noise.	Cable is cracked, Soldering faulty, Plug consection is faulty, Auto switcher is faulty (adjustment faulty).
) Video Cable	
Symptoms	Fault Location

c) AC adaptor

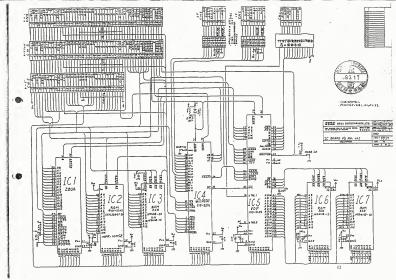
Symptoms	Fault Location
1. No picture. 2. LED doesn't light. 3. 13 V ± 1 V sot produced (without load)	I. Replace all.

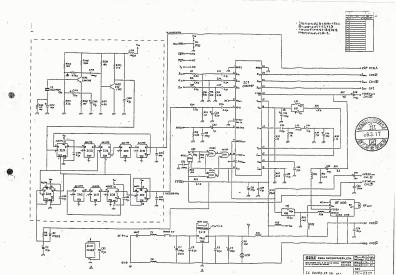
4. Controller Related

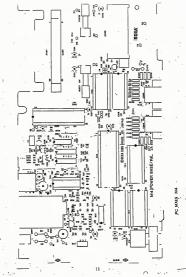
Control p

Symptoms	Fault Location	
Controller does not operate. Doesn't move as it should. Oame doesn't start.	Cable is cut. Faulty connection at connector. PCE pattern is cut. Conductive rubber in faulty. Soldering faulty.	
2. Mores spontaneously by limit. Switch running depressed in one	I. Cable is shorted. 2. Solder is greay.	

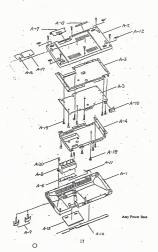
direction.







PARTS LIST



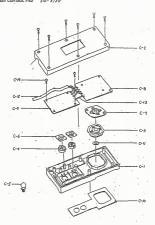
Description No.	Part No.	Description	Note	Q'
	610-0034-03	Assy Power Base AS	(Australia)	1
	610-0034-05	Assy Power Base UK	(United Kingdom)	1 1
	610-0034-06	Any Power Base Spain		1
	610-0034-11	Any Power Base HK	(Hong Kong)	1
	610-0034-13	Assy Power Base ITA	(Italy)	1
	610-0034-18	Assy Power Base WG	(West Germany)	1
	610-0034-20	Assy Power Base Holland		1
A-I	253-6007	Top Case PB	1	1
A-2	253-6014	Bottom Case PB		1 1
	837-6097	IC Board PB PAL-O	(Spein ITA WG Holland)	1
A-3	837-6118	IC Board PB PAL-B	(AS)	1 1
	837-6135	IC Board PB PAL-I	(UK HK)	1 1
A-4	250-5023	Shield Plate PB Top	(WG Galy)	1
A-5	250-5022	Shield Plate PB Bottom	(iii C Gilly)	1 3
A-6	253-6009	Lid A		1
A-7	253-6015	Lid B	1	1 1
A-S	253-6010	Cover PB	1	1
A-9	253-6008	Button PB		1.3
A-10	253-6013	Power Button PB	!	1 3
A-11	125-5016	Torsion Spring		1 3
A-12	601-5514	Rubber Foot		1 3
A-13	253-6011	Panel PB		1 3
A-14	253-6012	Inst Pagel PB		1 3
A.15	421-6419	Seal RF	(AS)	1 '
A-13	421-6419-18	Seal RF Ger	(UK Spain HK ITA WG Holland)	1
	421-6394-03	Seal Ser No AS		1 1
	421-6394-05	Seal Ser No UK		
	421-6394-06	Seal Ser No Spain	1	1 1
A-16	421-6394-11	Seal Ser No HK	1	1 1
	421-6394-13	Seal Ser No ITA	1	1
	421-6394-18	Seal Ser No Ger		
	421-6394-20.	Seal Ser No Holland		1 1
A-17	421-6429	Seal RFI Mark		
A-18	000-0306-S	M Scr PH 3 x 6 W/S		
A-19	029-0072	Tap Scr PH 3 x 16 Blk		
A-20	012-0312	Tap Scr PH 3 x 12		

L. TC Main M4		MARK 4 PART LIST PAL TY	PE	
Description No.	Part No.	Description	Note	Q't
JV	271-0005	BEADS INDUCTOR FRANKYASSIAR		1
1G	271-0005	BEADS INDUCTOR		- 1
FBI	271-0005	FBA04VA600AB BEADS INDUCTOR		1
FB2	271-0005-1	FBA04VA600AB BEADS INDUCTOR		1
FB3	271-0005-1	FBAGYAGOSAB BEADS INDUCTOR FBAGYAGOSAB		1
FB4	271-0005-1	BEADS INDUCTOR FBA04VA600AB		1
FB5	271-0005-1	BEADS INDUCTOR FBA04VA600AB		
CI	150-0023	CAPE	10 µF 16 V U-TYPE	- 1
CZ	150-0060	CAP CER	0.1 µF 16 V	
-C3	150-0060	CAP CER	0.1 pF 16 V	1 :
C4	150-0047	CAPE	100 pF 10 V U-TYPE	1
R5	497-0121	RES	120 Q 1/6 W ± 5%	1 1
C6	150-0007	CAPE	4.7 pF 16 V U-TYPE	l i
D7	481-5045	DIODE	ISS133 (1S2473)	١.
	(481-0149)		10 KO 1/6 W ± 5%	١,
R8	479-0103	RES RES	3.3 KQ 1/6 W ± 5%	1 1
R9 R10	479-0332 479-0332	RES	3.3 KR 1/6 W ± 5%	1
CII	151-0060	CAP CER	0.1 of 16 V	1
RIZ	479-0332	RES	3.3 KR 1/6 W a 5%	1
R13	479-0332	RES	3.3 KR 1/6 W a 5%	1
CI4	151-0090	CAP CER	0.1 µF 16 V	1
R15	479-0332	RES	3.3 KQ 1/6 W a 5%	1 3
R16	479-0332	RES	3.3 KR 1/6 W ± 5%	1 3
C17	151-0060	CAP CER	0.1 µF 16 V	1 3
R18	479-0103	RES	10 KQ 1/6 W ± 5%	1 :
R19	479-0103	RES	10 KQ 1/6 W ± 5%	1 3
R20	479-0332	RES -	3.3 KΩ 1/6 W ± 5% 1 KΩ 1/6 W ± 5%	1 1
R21	479-0102	RES	82 pF 50 V CH TYPE	1 3
C22	151-0201	CAP CER RES	2.2 KQ 1/6 W n 5%	1 3
R23	479-0222	CAP CER	0.1 aF 16 V	1
C24 C25	151-0060	CAPE	100 oF 10 V U-TYPE	1 3
L26	180-0049-1	PEAKING COIL	10 »H 02TYPE	1 :
B27	479-0730	RES	75 Q 1/6 W ± 5%	1 1
C28	150-0047	CAPE	100 pF 10 V U-TYPE	1
829	479-0122	RES	1.2 KΩ 1/6 W ± 5%	
. C10	150-0062	CAPE	47 pF 10 V U-TYPE	1
R31	479-0222	RES	2.2 KQ 1/6 W ± 5%	
C32	151-0060	CAP CER	0.1 µF 16 V	
R33	479-0102	RES	1 K2 1/6 W ± 5%	
L34	180-5032	PEAKING COIL	100 µH 02TYPE	1
C35	151-0190	CAP CER	12 pF 50 V CH TYPE 180 pF 50 V CH TYPE	1
C36	151-0172	CAP CER	1 KO 1/6 W ± 5%	1
R37	479-0102	RES	1 KO 1/6 W = 5%	
R38	479-0102	RES PRAKING COIL	12 pH 02TYPE	

Description No.	Part No.	Description	Note -	Q't
C40	151-0159	CAP CER	100 pF 50 V CH TYPE	1
C4I	151-0190	CAP CER	12 pF 50 V CH TYPE	1
1.42	- 190-5032	PEAKING COLL	100 wH 02TYPE	1 1
R43	479-0102	RES	1 EQ 1/6 W ± 5%	l i
CH	151-0058	CAP CER	0.01 oF 16 V	l î
R45	479-0222	RES	2.2 KQ 1/6 W ± 5%	l i
046	482-0261	XSTR	2SC1740 (R or O)	1 1
R47	479-0103	RES	10 KQ 1/6 W ± 5%	1 1
C48	150-0023	CAPE	10 MF 16 V U-TYPE	1 1
C50	151-0058	CAP CER	0.01 aF 16 V	1
D100	481-5045	DIODE -	ISSI33 (152473)	1 1
	(481-0149)		access (reasons)	
R102	479-0472	RES	4.7 KQ 1/6 W ± 5%	
R103	479-0472	RES	4.7 KQ 1/6 W ± 5%	1 1
C105	151-0060	GAP CER	0.1 HF 16 V	1 :
C106	151-0060	CAPCER	0.1 HF 16 V	1 :
C110	151-0060	CAP CER	0.1 of 16 V	1 :
RIII	479-0472	RES	4.7 KQ 1/6 W ± 5%	1 1
C112	151-0060	CAPCER	0.1 uF 16 V	
CHI	151-0060	CAP CFR	0.1 aF 16 V	1 :
R114	479-0331	RES	330 Q 1/6 W ± 5%	1 :
R115	479-0331	RES	330 Q 1/6 W ± 5%	1 :
R116	479-0111	RES	330 R 1/6 W ± 5%	1 :
R117	479-0331	RES	330 R 1/6 W ± 5%	
CHS	151-0060	CAP CIE	0.1 aF 16 V	1 :
CIII	150-0023	CAPE	10 of 16 V U-TYPE	1 1
C120	150-0023	CAPE	10 oF 16 V U-TYPE	1 :
CIZI	150-0023	CAPE	10 oF 16 V U-TYPE	
C122	150-0062	CAPE	47 oF 10 V U-TYPE	1 :
C123	150-0062	'CAP E	47 oF 10 V U-TYPE	
CIM	150-0062	CAPE	47 oF 10 V U-TYPE	1 :
C125	151-0172	CAP CER	180 pF 50 V CH TYPE	1 :
B130	479-0104	RES	100 KP 1/6 W a 5%	1 :
CI3I	150-0023 -	CAP E	10 #F 16 V U-TYPE	1 :
C132	151-0060	CAP CER	0.1 pF 16 V 0-1 TPE	1 :
C133	151-0060	CAP CER	0.1 pF 16 V	1 :
C134	151-0060	CAP CER	0.1 pF 16 V	1 :
C135	151-0090	CAP CER		1 :
C137	150-0021	CAPE	0.1 pF 16 V .10 pF 16 V U-TYPE	1 :
C138	151-0172	CAP CER		1 :
C139	151-01/2	CAP CER	180 pF 50 V CH TYPE 150 pF 50 V	1 3
CPI	151-0018	CAP CER		1 :
CP2	151-0060		0.1 µF 16 V	1 3
		CAP CER	0.1 µF 16 V	1 3
C140	151-5004	CAP TRIMMER	30 pF	1 :
C141	151-0160	CAP CER	10 pF 50 V CH TYPE	1 3
R142	479-0103	RES	10 KQ 1/6 W ± 5%	1 2
R143	479-0512	RES	5.1 KQ 1/6 W ± 5%	1 1
C144	151-0161	CAP CER	22 pF 50 V CH TYPE	1 1
R145	479-0201	RES	200 ♀ 1/6 W ± 5%	1 1
Q146	482-0270	XSTR.	2SC1907	1 1
C147	151-0008	CAP CER	1000 pF 50 V	1 1
R148	479-0101	RES	100 € 1/6 W ± 5%	1 :

Description No.	Part No.	Description	Note	Q
C149	151-0202	CAP CUR	39 PF 50 V CH TYPE	1
R150	479-0153	RES	18 KΩ 1/6 W± 5%	1
R151	479-0332	RES	3.3 KQ L/6 W ± 5%	1 1
R152	479-0271	RES	270 Ω 1/6 W ± 5%	1 1
Q153	482-0270	XSTR	2SC1907	1 1
L154	180-5012	PEAKING COIL	100 pH 02 TYPE	1 1
C155	151-0060	CAP CER	0.1 µF 16 V	1 :
C156	151-0002	CAP CER	100 pF 50 V	1 2
C157	151-0002	CAP CER	100 pF 50 V	1 3
EM11	271-0007	EMI FILTER	2200 pF	1 2
EM12	271-0007	EMI FILTER	2200 pF	1 1
EM13	271-0007	EMI FILTER	2200 pF	
EM14	271-0007	EMI FILTER	2200 pF	1
EM15	271-0007	EMI FILTER	2200 pF	1 3
EM16	271-0007	EMI FILTER	2200 pF	1 3
EM17	271-0006	EMI FILTER	270 pF	1 3
EM18	271-0007	EMI FILTER	2200 pF	1 3
EM19	271-0007	EMI FILTER	2200 pF	1 :
EM21	271-0007	EMI FILTER	2200 pF	1 :
EM22	271-0007	EMI FILTER	2200 pF	1 :
EM23	271-0007	EMI FILTER	2200 pF 2200 pF	1 :
EM24	271-0007	EMI FILTER		1 :
EM25	271-0007	EMI FILTER	2200 pF	1 :
EM26 EM27	271-0007	EMI FILTER EMI FILTER	2200 pF 220 pF	1 :
EM28	271-0000	EMI FILTER	2200 pF	1 3
EM29	271-0007	EMI FILTER	2200 pF	-1 3
XI	230-5035	CRYSTAL	53,203424MHz ± 5 ppm	-1 -3
LED	390-5128	LEO	SLP-280U-F50 GREEN	13
ICI	315-0041	IC .	ZERACPU	113
IC2	MPR-10052	ic	ROM CXK3864P-20	- I i
IC3	315-0298	IC IC	RAM µ PD4168-20	1 1
100	(315-0298-15)		(or u PD4168-15)	- 1
IC4	315-5216	IC .	CUSTOM CHIP G/A	1 :
104	(315-5204)		FUJITSU (er NBC)	-1 '
ICS	315-5124	IC.	CUSTOM CHIP VDP	- 1 :
IC6	315-0298-15	IC.	RAM u PD4168-15	- 1 - 3
IC7	315,0298,15	IC .	RAM u PO4168-15	- 1 :
ICS	313,0092	IC.	REO 7805	- 1 :
IC9	313-5054	IC	RGB ENCOGER V7040	
ICII	314-0062	IC	74LS74	
IC12	314-0355	IC	74ALS174	
IC13	314-0356	IC	74ALS175	
IC14	314-0358	IC .	74ALS74	1
CONI	212-5106	OIN CONNECTOR SP B-TYPE		
CONZ	209-5020	CARD CONNECTOR 35P		
CONS	209-5023-01	EOGE CONNECTOR SUP		
	(209-5023)	MITSUMI (or BANDY)		i
CONS	209-5017-01	O-SUB CONNECTOR 9P		
CON6	209-5017-01	O-SUB CONNECTOR 9P		
CON7	212-5004	POWER JACK-		
OWER SW	509-5150	PUSH SWITCH		
RESET SW	509-5031	BLACE SWITCH		- 1 3
AUSE SW	509-5031	RLADE SWITCH		1 :

Control Pad
 ASSY CONTROL PAD 610-0/80



Description No.	Part No.	Description	Note	Q*ts
61 62 63 64 65 65 67 68 69 69	253-6020 253-6021 (253-6024 ° / 253-6023 253-5071 509-5059-1 771-5199-3 171-5199-2 253-6022	Top Case 1020 Benton Case 1020 Prod 5/20 Betten 9020 States 9020 Rubber Contact IP SJ-151 Rubber	W/Poly Bug (2 set)	1 1 2 1 2 1 1 1
C-12	253-6032 600-5306	Blind Cover 3020 Assy Cable SP L = 2st 3020	et .	1 1
C-13 C-14	600-5137-1 012-0208-1	Jumper Wire SJ-151 Tan Ser PH No.1 2 x 8		- 1 :

4. Light Phaser ASSY LIGHT PHASER 610-0035

Description No.	Part No.	Description	Note	Q't
B-1	837-6068	PC Board Light Phaser		
B-2	253-6027	Right Case LP		1
B-3	253-6028	Left Case LP		1 1
B-4	253-6029	Case Cover LP		1 1
B-5	251-6030	Trigger LP		- i
B-6	250-5020	Weight A		l i
B-7	250-5021	Weight B		l i
B-8	250-5024	Shield Cover LP		- I i
B-9	380-5003	Less LP		1 1
B-10	600-5299	Cord Assy LP		1 3
B-11	421-6396	Seal LP		2
B-12	123-5011	Shaft LP		1 1
B-13	600-5010-10	Cable Vinyl Single 1.5 mm/mm 0.8 x 16 Siz.	Red	0.2
B-14	509-5151	Switch Micro Type V-151-3A5 or (AH71517)	Omron or Matushita	1
B-15	029-0068	Tap Ser PH 2 x 6 Blk		2
B-16	029-0069	Tap Scr PH 2.6 x 10 Blk	i .	3
B-17	029-0070	Tap Scr PH 2.6 x 8 Blk		1 1
D-18	601-5588	RUBBER CUSHION A		2
B-19	601-5589	RUBBER CUSHION B		1 1

IGHT PHASER

SEGA MASTER SYSTEM PARTS PRICE LIST

ITS NO.	PARTS MANE	FOB PRICE
1-5048Y	AC AGAPTER	\$76°
-0005	BEAGS INDUCTOR FOAGAVABOOAG	¥
-0005-1	BEAGS INCUCTOR FBAG4VAGGOVB	¥
-0030	BOTTON CASE ASSY PB	₹31
-6008	BUTTON PB	¥1
1-5020	CARO CONNECTOR 35P PRG35R-1	¥14
-0180	CONTROL PAD ASSY	\$42
-5017-01	D-SUB OF ANGLE TYPE UC-0080#2	¥4
-5106	DIN CORN 8P B-TYPE UC-0059#2	15
-0149	01DDE 1S2473	¥
-5038	010DE 1SR-35-100A	¥1
1-5023	EGGE CONNECTOR SOP PSB4025S-4R1	¥12 ¥1
-0008	ENI FILTER STB271K0	¥1
-0007	ENI FILTER STX222HO	¥1
-5216	IC CUSTON CHIP G/A	\$21
	TC CUSTON CHIP YH2002	¥1.18
-5087	1C CXA-1145P	¥34
-10052	1C CXK3804P-20	¥31
-0092 -0298-15	1C NA7805EC	¥4
-0298-15	IC UP04108C-15	¥42 ¥41
-0298	IC UPD4188C-20	¥41
-11458	IC uP023C1011 FOR WS	
-11459	IC uP023C10I1 FOR MS PLUS	¥63 ¥63 ¥17 ¥17 ¥17
	IC #P023C1011 FOR SS	¥63
-0041	IC Z80A	¥17
-6057	INDIVIDUAL BUX BS FIVE (3080)	¥17
-0116	INDIVIDUAL BOX HS FIVE (3095)	¥17
-0114	INCIVIOUAL BOX HS PLUS FIVE (3090)	¥18
-0115	INCIVIOUAL BOX SS FIVE (3091)	¥19
-5128	LEO SLP-280F-51U	¥19
-5071	NINT STICK SJ150	¥1
-5004	PIN PLUG FOR DC/NP UC-0056#2	¥2
-6013	POWER BUTTON PB	¥1
-5150	PUSH SVITCH SPO-01M	¥8
-0130	RGB BUX FRANCE	¥80
-5207	TACT SVITCH SKEVAA	¥1
-0158	TOP CASE ASSY PBVA	*03
-0270	TR 25C1907	*2
-0040-1	XTAL 10.738835NUz+-30ppm	*7

	110 12102 2101 130 200	_
S HB.	PARTS WANE	FBB PRICE 8767
5048Y	AC AUBPTER	\$757
5056	AC ADBPTER (UK)	¥1,560
5057	AC ADOPTER (BE)	¥794
0005	BEADS INSUCTOR FRAGAVASCOAR	¥6
0005-1	BEADS INDUCTOR FRACTVACCOVE	¥7
0030	BOTTON CASE ASSY PD	¥319
8008	BUTTON PB	¥18
5004	CAP CER TRINNER 30pF	¥18
5020 0180	CARD CONNECTOR 35P PRE35R-1	¥148
0180	CONTROL PAD ASSY	\$429
5017-01	D-SUB OF ARGLE TYPE UC-0060#2	¥43
	DIR CORN SP B-TYPE UC-005982	¥51
	D100E 152473	¥4
5038	B1096 15R-35-100A	¥10
5045	DIODE ISS133	*2
5038 5045 5023 0006	EDGE CONNECTOR SOP PSD4B25S-4R1	¥127
0006	ENI FILTER STB271KD	¥11
0007 0355 0358	ENI FILTER STX222NB	*12
0355	IC 74ALS174	*95
0358	IC 74ALS175	¥95
0358	1C 74ALS74	¥58
0361	IC 74HC132	¥71
5210 5124	IC CUSTON CHIP G/A	¥216
5124	IC CUSTOM CHIP YM2B02	¥1,182
5067	IC CUSTON CHIP YM2802 IC CXA-1145P IC CXX3804P-20	¥342
10883	IC CXK3804P-20	¥247
0092	IC NA7805UC	\$48
0298-15	IC UPD4108C-15	¥42; ¥41
0298	IC UPB4108C-20	¥41
11458	IC uPB23C1011 FOR MS (3091)	¥64:
11459	IC uPB23C1011 FOR MS PLUS (3090)	¥634
11460	IC uPB23C1011 FOR SS (3095)	¥630
0041	IC 280A	¥17
6057	INDIVIBUAL BOX BS FIVE (3080)	¥17
0116	INBIVIOUAL BOX HS FIVE (3095)	¥17
0114	INDIVIDUAL BOX HS PLUS FIVE (3090) INDIVIDUAL BOX SS FIVE (3091)	¥18
0115	INDIVISUAL DOX SS FIVE (3091)	¥19
5128	LEB SLP-280F-51U NINI STICK SJ150	¥1
5071	BIBI STICK SJ150	¥1
5032	PEAKING COIL 100mF	¥1
5033	PEAKING COIL 12ml	¥1 ¥2 ¥1
5004	PIN PLUG FOR DC/MP UC-0058#2	¥2
8013	POWER BUTTON PB	
-5150	PUSH SVITCH SPO-018	¥8
-5088	RF MODULATER VV3421	¥68 ¥19 ¥40
5020	RF SWITCH WOX	¥18
5054 -5207 -0158	PER FECORDER V-7040	\$40
-5207	TACT SWITCH SKEVAA	*1
-0158	TOP CASE ASSY PBVA	¥63
-0270	TR 25C1907	¥2
-0270 -5040-02	TV EXTENSION CABLE 2C2V	¥13
E02E	YTAL 51 203424WH+	¥17

PARTS PRICE LIST FOR SEGA POWER SYSTH (PAL-B)

PARTS NO.	PARTS NAME	FOB PRICE
400-5048Y	AC ADAPTER	¥767
400-5050	AC ADAPTER (AUSTRALIA)	¥767
271-0005	SEADS INDUCTOR FDAGAVAGGGAS	*0
271-0005-1	SEAGS INDUCTOR FDAG4VASCOVS	\$7
610-0030	BOTTON CASE ASSY PD	¥319
253-6008	SUTTON PB	¥319 ¥18
151-5004	CAP CER TRIBBER 30pF	¥148
209-5020 610-0180	CARD CONNECTOR 35P PRE35R-1 CONTROL PAU ASSY	7190
200-5017-01	B-SUS SP ANGLE TYPE UC-00G0#2	¥429
209-5017-01 212-5108	DIN CONN BP D-TYPE UC-0059#2	¥51
481-0149	0100E 1S2473	*4
481-5038	0100E 158-35-100A	\$10
481-5038 481-5045 209-5023	D100E 155133	¥3
209-5023	EDGE CONNECTOR 50P PSB4D25S-4R1	¥121
271-0000	ENT FILTER STD271KD	¥12
271-0007	ENI FILTER STX222HB	¥1.
314-0355	IC 74ALS174	*9!
314-0356	IC 74ALS175	¥95
314-0358	IC 74ALS74	¥58
314-0361	IC 74HC132	¥77
315-5216	IC CUSTON CHIP G/A	¥210
315-5124	IC CUSTON CHIP YH2002	¥1.182
313-5067	IC CXA-1145P	¥95 ¥56 ¥77 ¥210 ¥1.182 ¥346
MPR-10883	IC CXK3804P-20	¥247
313-0092	1C NA7805UC 1C UPD4188C-15	¥24 ¥42 ¥41 ¥64 ¥63 ¥63 ¥17 \$17
315-0298-15 315-0298 HPR-11458 HPR-11459	1C UP04188C-15 1C UP041U8C-20	142
315-0298		*91
BPK-11458	IC uPU23CIO11 FOR HS (3091)	\$643
HPR-11460	C uP023C1011 F0R MS (3091) C uP023C1011 F0R MS PLUS (3090) C uP023C1011 F0R SS (3095)	1034
315-0041	IC Z80A	1030
	INDIVIDUAL SOX SS FIVE(3080)	¥17/
601-6057 671-0116	INDIVIDUAL DOX HS FIVE (3095)	¥174
671-0114	INDIVIDUAL DOX HS PLUS FIVE (3090)	W10
671-0115	INDIVIDUAL DOX SS FIVE (3091)	¥18. ¥19
	LED SLF-280F-510	X1.
253-5071	HINI STICK SJ150	X I
180-5032	PEAKING COIL 100mF	\$1 \$1 \$1 \$1 \$2 \$2 \$3 \$4 \$76
180-5033	PEAKING COIL 12uH	810
212-5004	PIN PLUG FUR DC/NP UC-0050#2	¥21
253-6013	POWER SUTTON PB	¥1.
509-5150	PUSH SVITCH SPQ-OIN	¥8.
200-5109	RF HODULATER VV3402	¥76
200-5088	RF HODULATER VV3421 (AUSTRALIA)	¥76
200-5020	RF SVITCH NUX	¥19
313-5054	RGB ENCORUER V-7040	¥40
509-5207	TACT SWITCH SEEVAA	¥1
610-0158	TOP CASE ASSY PBVA TR 2SC1907	¥63
482-0270	TR 2SC1907 TV EXTERSION CABLE 2C2V	¥2.
600-5040-02	I CALCUSION CHOLE SCSV	¥13 ¥17
230-5035	XTAL 53.203424HHz	\$17